

1-10-29 - Photo



"Palmer Stendel" 24-1

Sec. 24, 9N/33W

O.C. Field Gasoline Corp.

Cat Canyon

Abd. 7/8/41

18

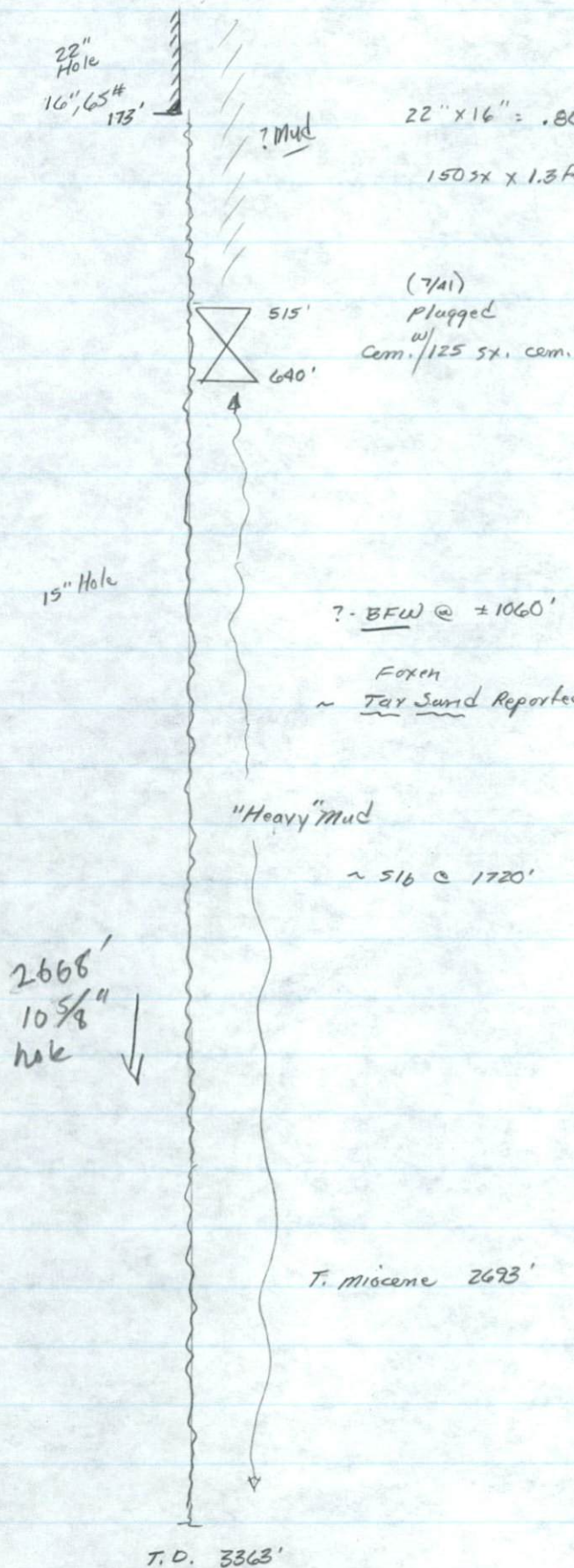
Cat Canyon

O.C. Field Gasoline Corp.

"Palmer Stendel" 24-1

Sec. 24, 9N/33W SBB&M

API # 083-00376



$$22" \times 16" = .8042 \text{ ft}^3/\text{ft.}$$

$$150 \text{ sx} \times 1.3 \text{ ft}^3/\text{sx} = 195 \text{ ft}^3$$

(7/41)
Plugged
w/ 125 sx. cem.

? BFW @ $\pm 1060'$

Foxen
~ Tax Sand Reported 1460-1470' (T. Siguac 1470')

"Heavy" Mud

~ 516 @ 1720'

T. Miocene 2693'

(1-10-00)

1. Needs Foxen Zone Plug (1460' - 1560' \pm)
2. " BFW Plug (1110' \pm - 1010' \pm)
3. " Shoe Plug (223' - 123' \pm)
4. " Surface Plug (30' - 5' \pm)

Abd. 7/28/41 as a water well.

Status: Open To 515'

Concrete Footing For Standard Derrick,

Concrete pad, & cellar at surface.

16" csg. $\pm 8'$ below ground - buried w/ plate?

411 Benjamin Franklin Building
Santa Barbara, California
August 1, 1941

Mr. J. C. Burks, Vice President,
O. C. Field Gasoline Corporation,
944 Wilshire Boulevard,
Los Angeles, California.

Received Acknowledged
8-1-41


Dear Sir:

Your report of abandonment of well No. "Palmer Stendel"
24-1, Sec. 24, T. 9 N., R. 33 W., S. B. B. & M., Cat Canyon oil
field, Santa Barbara County, dated July 31, 1941, and submitted
to this Division in your history, has been examined in conjunction
with records filed in this office.

A review of the reports and records shows that the re-
quirements of this Division, which are based on all information
filed with it, have now been fulfilled.

Yours truly,

R. D. BUSH
State Oil and Gas Supervisor

By 
Deputy Supervisor.

SGD:OM
CC - Mr. R. D. Bush

Map	Model	Cross Section	Cards	Form
2	150	✓		150 121
8-2-41				8-1-41 8-1-41

SUBMIT LOG IN DUPLICATE
FILL IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS
RECEIVED
AUG-1 1941
SANTA BARBARA, CALIFORNIA

083-00376

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL

Operator O. C. FIELD GASOLINE CORPORATION Field Cat Canyon Area, Santa Barbara County
Well No. "Palmer Stendel" 24-1 Sec. 24, T. 9 N, R. 33 W, S.B. B. & M.
Location 1140' S. & 990' E. from N.E. corner of Sec. 24 Elevation 600

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date July 31, 1941

Signed [Signature]

W. W. Porter

(Engineer or Geologist)

S. A. Trout

(Superintendent)

Title

VICE PRESIDENT
(President, Secretary or Agent)

Commenced drilling July 3, 1941 Completed drilling July 26, 1941 Drilling tools Cable Rotary

Total depth 3363 Plugged depth 515

Junk None

GEOLOGICAL MARKERS

DEPTH

Top Sisquoc

1470

Top Miocene

2693

Sib

1725

Commenced producing No production

(date)

Flowing/gas lift/pumping

(cross out unnecessary words)

BRW

Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
<u>None</u>					

Initial production

Production after 30 days

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Casing landed in	Number of Sacks of Cement	Depth of Cementing if through perforations
<u>16"</u>	<u>173</u>	<u>Surface</u>	<u>65#</u>	<u>New</u>	<u>Seamless</u>	<u>J-55</u>	<u>22"</u>	<u>150</u>	

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations			
	ft.	ft.							
	ft.	ft.							
	ft.	ft.							
	ft.	ft.							
	ft.	ft.							

Make	Model	Cross Section	Cards	Forms
				<u>1218</u>
				<u>121</u>
				<u>8-1-41</u>
				<u>8-1-41</u>

Electrical Log Depths 173 - 3242

(Attach Copy of Log)

15

LOCATION: 1140' South and 990' West from NE corner of Sec. 24, T 9 N., R 33 W.
SBB&M. In Cat Canyon area, Santa Barbara County, California

ELEVATION: Approx. 600.

Commenced operations June 10, 1941
Spudded in July 3, 1941

CASING: 16" cemented at 173 feet. Howco.

	540	Sand, silt, clay, and gravel
	540	Probably top of Foxen
540	1460	Foxen sandy sticky shale
1460	1470	TAR SAND
	1470	TOP OF SISQJOC
1470	1720	Upper Siscoe shale
1720	1980	Middle Siscoe sand. (found to be gray in side wall cores)
1980	2530	Siscoe siltstone and shale
	2530	Commenced coring. <i>Missed all significant upper sands. E Log looks like some oil content? Or semi fresh water?</i>
2530	2550	Soil Conventional core #1. Rec. 20 ft. Gray siltstone. Part massive, but some shows fair lamination of the "organic debris" type. A number of good dips about 15° - 20°. Good Siscoe bugs at 2536 consisting of a rare nonionella - Virgalina fauna.
2550	2574	Conv. Core #2. Rec. 19 ft. Similar siltstone. Some breaks on smooth bedding plane. Dips 15° - 20°. Some tar in fractures.
2574	2593	Conv. Core #3. Rec. 19 ft. Gray siltstone similar to above. same dips. Small gas, and slight oil shows on ditch.
2593	2613	Conv. Core #4. Rec. 20 ft. Gray siltstone. Seems harder. Partly laminated. Some interlamination of gray siltstone with brown and gray sub-porcellaneous bands. Same dips. Tar in fractures.
	2613	Changed to Soil Wire Line core barrel in 10-5/8" hole.
2613	2623	Wire Line Core #1. Rec. 10 ft. More dense and hard gray siltstone. Arenaceous forams. Brown when wet. Dip 10° - 15°.
2623	2633	WL Core #2. Rec. 10 ft. Mudstone or shale. In places hard and calcareous. Oil on fractures. Slight brown oil impregnation.
2633	2643	WL Core #3. Rec. 10 ft. Mudstone or shale. Some well laminated with white "organic debris" streaks.
2643	2653	WL Core #4. Rec. 10 ft. Gray mud shale.
2653	2663	WL Core #5. Rec. 10 ft. Brownish gray shale. Some of it slightly sheared.
2663	2673	WL Core #6. Rec. 10 ft. Brownish gray shale. More calcareous with a few small calcite incrustations. Tar in fractures.

2673	2683	WL Core #7. Rec. 10 ft. Dark brownish gray when wet. Mostly shale. 6 inches oil sand in fractured mass of brittle shale and crystalline calcite in bottom of core. A 2 inch streak of same at 2378.
2683	⁶ 2693	WL Core # 8. Rec. 4 ft. Brittle calcite-veined shale impregnated with oil and gas. No sand cored, but mud in core barrel seemed quite sandy. Drilled hard. Some chunks hard cherty material with oil in fractures and gas bubbling out for 20 minutes after core taken out of barrel BOTTOM OF SISQUOC. - might be placed at top of this zone instead of at bottom of it, which would be maybe 10 feet higher.
2693	2696	WL Core # 9. 2½ ft. Rec. Brittle hard calcareous silty shale shot with calcite veins. Oil in fractures.
		Reamed 15" hole to 2668 Ran in H. C. Smith 10-5/8 Rock Bit. Drilled 2696-2780.
2696	2715	Drilled. Very hard shale.
2715	2780	" Log: "Hard streaked with chert" Pulled Rock bit.
		2720..... Found Valvularia Ornata fauna in ditch samples.
2780	2790	WL Core # 10. (Soll Rock head). Rec. 9 ft. Dark gray clay or mud shale. Massive. Easily crumbles. Lots of bugs. Lots of pyrite.
2790	2800	WL Core #11. Rec. 10 ft. Same. Lots of bugs.
		ZONE IS Union Oil Co's. Sub-zone IV of Valvularia - Valvularia depress a zone, generally called "Siltstone & shell" zone. Contains Bol. floridana, Bol. imbricata, plectofrondicularia miocenica., <i>Siltstone & shell would be Point Seal in SMV.</i>
2800	2810	WL Core # 12. Rec. 10 ft. Same dark gray clay shale with bugs and pyrite. Popped some gas. Good dip 60° - 65°.
2810	2820	WL Core # 13. Rec. 10 ft. Same.
2820	2830	WL Core # 14. Rec. 6 ft. Drilled like above to 2825, then very hard. Fair gas, no oil on ditch while drilling at 2827. Rec. tough brown siltstone. Minor break from Core #13, - tougher, more silty, fewer bugs. (Lower part of "Siltstone & shell" zone.
2830	2840	WL Core # 15. Rec. 2½ ft. Brown siltstone. Some pyrite in ¼ inch chunks. Fish scale inclination steep. Not very many bugs. Many planes of shear parting.
2840	2850	WL Core # 16. Rec. 7 ft. Brown siltstone more brittle, and in places very hard, - wont break with hard hammer blow. Pyrite.
2850	2860	WL Core # 17. Rec. 10 ft. Similar to above. Brown siltstone.
2860	2866	WL Core # 18. Rec. 4 ft. Brown siltstone. 1 ft. hard lime "shell". Pulled Core Head Re-ran H.C. Smith 10-5/8" Rock Head.

2866 2932 Drilled. Log: "Shale with sticky streaks."
 2932 2940 " "Shale (sticky streaks); hard shale". Fair gas on ditch
 at 2940. (T.I. 10 A.M., July 21, 1942: 2940.)
 2940 2950 Drilled. "Hard shale, chert".
 2950 2952 " "Shale, sticky streaks".
 2952 2972 " "Hard shale, streaks conglomerate". White platy calcite in
 ditch samples. Weathers soft.

Pulled Rock Bit.

2972 2982 WL Core # 19. Rec. 2½ ft. Soft greenish-gray fine angular
 sandstone. No cut CCl₄. No oil or gas look or smell.
 Small platy fragments of fossils, - soft and too poorly
 preserved for identity. *might be Pt. Sal?*
 2982 2992 WL Core # 20. Rec. 2 ft. Sand like above. Definite mollusk
 fragments.
 2992 3002 WL Core # 21. Rec. 10 ft. Similar but harder and siltier, --
 becomes a siltstone rather than a sand.
 3002 3012 WL Core # 22. Rec. 1 ft. Dark gray clay shale.
 3012 3037 WL Cores # 23, 24, 25. No rec. Plugged barrel. Between 3002
 and 3022 logged "good gas, oil showing. (Dead on electrolog).
 3037 3047 WL Core # 26. Rec. 9 ft. Dark gray slightly silty med. hard
 clay shale. Lots of bugs.
 3047 3057 WL Core # 27. Rec. 10 ft. Softer gray clay shale. Bugs & fish
 scales. Thin hard lime streaks.
 3057 3067 WL Core # 28. Rec. 2½ ft. Gray clay shale. Bugs. Fish scale
 dip steep.
 3067 3077 WL Core # 29. No recovery.
 3077 3080 WL Core # 30. Rec. 3 ft. Gray clay shale. Bugs.
 3080 3090 WL Core # 31. Rec. 10 ft. Gray clay shale. Bugs. Estimate
 fish scale dip-60°.
 3090 3100 WL Core # 32. Rec. 11 ft. (cores expend when pressure off)
 Gray clay shale. Bugs.
 3100 3110 WL Core # 33. Rec. 11 ft. Gray clay shale. Bugs. Blue mud and
 sandy streak at 3117-3117.5 in next core.
 3110 3120 WL Core #34. Rec. 11 ft. Gray clay shale. Bugs. See last core above.
 3120 3128 WL Core #35. Rec. 8 ft. Gray clay shale. Bugs. Slightly harder.
 a few seashell fragments.
 3128 3130 WL Core #36. No rec.
 Pulled rock head
 Ran drag head
 3130 3140 WL Core #37. Rec. 9 ft. Dark gray clay shale. Few Bugs, if any.
 Two 6" hard limestone streaks. Possible vague dip looks steep.
 Fish scale dip steep.
 3140 3150 WL Core # 38. Rec. 10 ft. Dark gray clay shale. A few bugs. 1 ft.
 blue material, - looks like black sand grains embedded in blue mud
 with calcite. Grains and matrix soft. Rock as a whole hard.
 3150 3160 WL Core # 39. Rec. 10 ft. Grayish brown finely silty shale. Some
 bugs, but big decline in quantity.
 3160 3170 WL Core # 40. Rec. 10 ft. Grayish brown shale. Bugs.
 3170 3180 WL Core # 41. Rec. 5 ft. Dark brown to almost black shale. Bugs.

Palmer Stenael # 24-1

3180	3185	WL Core # 42. Rec. 2 ft. Brown bentonitic shale.
3185	3195	WL Core # 43. Rec. 10 ft. 7 ft. brown bentonitic shale with lots of fish remains. Then 8" hard calcareous shale. Then 1 ft. gritty mudstone with lots of fish remains. Then "Franciscan debris" (or diabase debris) sandstone with a few fish remains, - quartz pebbles and "franciscan mud matrix.
3195	3200	WL Core # 44. No rec.
3200	3210	WL Core # 45. No rec. Pulled drag head; re-ran rock head.
3210	3215	WL Core # 46. Rec. 6 ft. Top 2 ft. medium hard brown siltstone. Then very hard light gray calcareous sandstone with calcite veins. No cut CCl_4 . No indication of oil. No bugs in washed samples.
3215	3225	WL Cores # 47, 48, 49. Rec. 3 inches. Same sandstone.
3225	3242	No rec.

July 23-24: Ran Lane Wells electrolog to 3242.
Circulated until midnight.

July 25 A.M. Ran Homco side wall sampler. Tested sand indicated below 1720
On electrolog with 5 side wall cores.

Side wall Core # 1: 1952:	Medium grained clean gray sand. No oil.	5,6
" " " # 2: 1906:	Fine gray sand, similar to #1. No oil.	
" " " # 3: 1827:	Fine fairly soft gray sand. No oil.	
" " " # 4: 1790:	Medium grained angular quartz-feldspar gray sandstone. No oil. Looks wet.	
" " " # 5: 1760:	Medium grained gray sandstone. Clean looking. No oil.	

Conclude this sand is wet, and water too fresh to lower electrolog resistivity curve.
All recoveries satisfactory running 3-7 inches of formation.

3242	3252	WL Core # 51 (WL Core # 50 apparently not taken). Rec. 7 ft. Dark gray clay shale with Valv. ornata zone bugs.
3252	3262	WL Core # 52. Rec. 10 ft. Dark gray clay shale with bugs. Valv. ornata zone. ("Siltstone & shell").
3262	3272	WL Core # 53 3272 Rec. 6 ft. Soft massive quite sandy brown siltstone with white ash fragments, fish remains, and forams.
3272	3278	WL Core # 54. Rec. 6 ft. Same with more white ash fragments.
3278	3288	WL Core # 55. No rec.
3288	3294	WL Core # 56. No rec.
3294	3298	WL Core # 57. Rec. 3 ft. Fine to medium fossiliferous aspy ss., with fragments of pectins.
3298	3308	WL Core # 58. Rec. 6 ft. Gray tuffaceous sandstone. Medium grained, medium hard. Fossil fragments.

3303	3308	WL Core # 59. Rec. 5-6 ft. Gray tuffaceous sandstone, soft enough to break with hands. "Plaster" looking in spots.
3308	3315	WL Core # 60. Rec. 7 ft. Brownish gray tuffaceous ss. <i>Obispo?</i>
3315	3322	WL Core # 61. Rec. 7-8 ft. Brownish gray sandy tuff.
3322	3329	WL Core # 62. Rec. 7 ft. Gray sandy tuff with increase in amount of white and blueish tuffaceous material. Some sandy ash. General appearance is of whiteish plaster in gray sandstone.
3329	3336	WL Core # 63. Rec. 8 ft. (Core swelled when taken out). Sandy ash, and white and blue sandy plaster tuff.
3336	3343	WL Core # 64. Rec. 7 ft. Whiteish gray tuff, - slippery.
3343	3353	WL Core # 65. Rec. 9 ft. White and blue-gray ash and tuff.
3353	3363	WL Core # 66. Rec. 9 ft. Whiteish sandy or ashy tuff.
	3363	BOTTOM JULY 26, 1941.

Ran drill pipe to 636 feet and pumped in 100 sacks of Colton construction cement and 25 sacks of Riverside making total of 125 sacks. Finished cementing at 9 AM July 27, 1941.

July 28, 1941, Noon: went in with dart bailer and found mud and cement at 496. Cleaned out with bailer and found hard cement at 515 feet.

Will complete abandonment by converting to water well.

..... William W. Porter II
Consulting Geologist

July 29, 1941

10 5/8 hole?

OK final to [unclear]

Index	Model	Cross Section	Cards	Form	
				127	121
				8-1-41	8-1-41

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COUNTY OF SANTA BARBARA

STATE OF CALIFORNIA

Special Report on Oil Operations Witnessed

PLUGGING AND ABANDONMENT OF WELL

Sequel to Permit No. 241

Santa Maria

Calif. July 27, 1941

Mr. O. C. Fields Gasoline Corporation
944 Wilshire Building
Los Angeles, California, California

RECEIVED

AUG - 2 1941

SANTA BARBARA, CALIFORNIA

Agent for

Dear Sir:

Operations at your well No. 24-1 Sec. 24, T. 9 N., R. 33, B. & M.

Cat Canyon Field, in Santa Barbara County, were witnessed by

Harry Neel

, representative of the County,

on July 27, 1941. There was also present D. N. Krutts and Superintendent
Sam Trott

Casing Record Original application and permit called for a first well

The operations were performed for the purpose of abandoning above described hole for
oil well purposes transforming same to a fresh water well

and the data and conclusions are as follows:

Inspector observed as follows:

1. At 8:00 a.m. drill pipe was ^{lowered} to a point 640' from well platform at which time cement slurry was pumped in using 100 sacks of Colton cement and 25 sacks of Riverside regular cement. Drill pipe was ^{slowly} raised to 590 foot level until all cement was pumped. Then 62 cubic feet of mud was pumped into drill pipe for displacement purpose.

July 28, 1941, at 11 o'clock inspector witnessed bailer set on top of plug at a point 496 below surface.

Drill pipe hung @ 640'
placed 125 sx cement while pulling pipe to 590'
Found "mud and cement" at 496 and bailed to
"hard cement" at 515'.

SANTA BARBARA COUNTY PLANNING COMMISSION

WALLACE C. PENEFIELD, Secretary,

By *Harry Neel* Inspector.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 3-3464

Santa Barbara, Calif. July 30, 1941

Mr. A. C. Young,

Casmalia, Calif.

Agent for O. C. Field Gasoline Corporation

DEAR SIR:

Your _____ proposal to abandon Well No. "Palmer Stendel" 24-1
Section 24, T. 9 N., R. 33 W., S. B. B. & M., Cat Canyon Field, Santa Barbara County,
dated July 28, 1941, received July 30, 1941, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

RECORDS: The condition of the well is as stated in the notice.

THE NOTICE STATES:

"The present condition of the well is as follows:

Total Depth: 3363'

16" Casing cemented at 173'

No oil bearing formations encountered

Hole filled with heavy mud from bottom to 640'

100' cement plug placed with top of plug at 540'"

PROPOSAL:

"The proposed work is as follows:

To convert to water well"

DECISION:

THE PROPOSAL IS APPROVED.

NOTE: It is understood the records for this well will be filed as soon as possible.

CC - Mr. W. C. Penfield
- Mr. Harry Neel

R. D. BUSH

State Oil and Gas Supervisor

By R. D. Bush Deputy

Map	Model	Cross Section	Card	Notes
				116 921 7-30-41 7-30-41

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin

DIVISION OF OIL AND GAS
RECEIVED
JUL 30 1941
SANTA BARBARA, CALIFORNIA

Los Angeles, Calif. July 28, 19 41

DIVISION OF OIL AND GAS

Santa Barbara, Calif.

In compliance with Section 16, Chapter 718, Statutes of 1915, as amended, notice is hereby given
that it is our intention to abandon well No. "Palmer Stendel" 24-1

Sec. 24, T. 9 N, R. 33 W, S.B. & M. Cat Canyon Wild Cat Field,

Santa Barbara County, commencing work on the 26th day
of July 19 41.

The present condition of the well is as follows:

Total Depth: 3363'

16" Casing cemented at 173'

No oil bearing formations encountered

Hole filled with heavy mud from bottom to 640'

100' cement plug placed with top of plug at 540'

The proposed work is as follows:

To convert to water well

Map	Model	Cross Section	Cards	Forms	
				114	121
				7-30-41 mm	7-30-41 mm

O. C. FIELD GASOLINE CORPORATION

By [Signature]
(Name of Operator)

VICE PRESIDENT

Address Notice to Division of Oil and Gas in District Where Well is Located

Rec

O. C. FIELD GASOLINE CORPORATION

LOS ANGELES, CALIFORNIA

944 WILSHIRE BOULEVARD
VANDIKE 6161

DIRECTORS
O. C. FIELD, PRESIDENT
W. G. METSON, VICE PRESIDENT
J. C. BURKS, VICE PRESIDENT
R. B. HALE, TREASURER
N. J. HALE, SECRETARY
W. H. METSON

July 14, 1941.

Mr. Sam Dolman,
Santa Barbara, California.

PERSONAL

Dear Sam:-

I am enclosing a copy of the letter that we wrote to Penfield regarding the Cat Canyon Well, Palmer Stendel 24-1.

At Harry Neel's suggestion I have addressed the letter to Penfield and have changed the letter slightly taking out the specific determinations which will probably be made by you.

I have told Mr. Field and he has agreed that recommendations by you which come to us indirectly are agreed to by us and will be followed.

Very truly yours,

O. C. FIELD GASOLINE CORPORATION

By: Bill Porter
W. W. Porter

WWP/WS

DIVISION OF OIL AND GAS
RECEIVED
JUL 15 1941

SANTA BARBARA, CALIFORNIA

6

944 Wilshire Boulevard
Los Angeles, California
July 12, 1941

Mr. Wallace Penfield, Secretary
Santa Barbara County Planning Commission
Santa Barbara, California

Dear Mr. Penfield:

In regard to our application for a permit to drill
a test hole known as Palmer Stendel 24-1 in Section 24, T. 9 N.,
R. 33 W:

For the purpose of protecting surface soil and water,
we propose to take the following precautions in the course of the
test:

1. If our test is unsuccessful, we shall abandon
the hole in conformity with the requirements of the Division of
Oil and Gas of the State of California, and place cement plug if
necessary to prevent access of salt water to surface water.

2. If positive testing should require the use of
casing, we propose to set same and cement it as required by the
Division of Oil and Gas; and if such test is unsuccessful, to
recover as much casing as possible and if necessary, to protect
surface water with a cement plug beneath it.

3. If the test is successful and casing is to be
left in the hole, and if salt water strata are encountered which
are not sealed off by the amount of cement injected around the
bottom of the casing, then, if necessary, we shall inject cement
under pressure into the annular space between the casing and the
hole through gun-perforated holes, with sufficient pressure to
force the plugging cement outside the casing.

Yours very truly,

O. C. FIELD GASOLINE CORP.

WNP:KS

DIVISION OF OIL AND GAS
RECEIVED

JUL 15 1941

SANTA BARBARA, CALIFORNIA

5

COUNTY OF SANTA BARBARA
STATE OF CALIFORNIA

DIVISION OF OIL AND GAS
RECEIVED

PERMIT FOR DRILLING OIL WELL

9 1941

SANTA BARBARA, CALIFORNIA

O. C. Field Gasoline Corp.

944 Wilshire Blvd.

Los Angeles, California

Permit No. 253

Date July 17, 1941

In compliance with your request of July 9th, 1941

and subject to all the terms and restrictions written below or printed as general provisions of any part of this form,

PERMISSION IS HEREBY GRANTED TO Drill Well No. "Palmer-Stender"
S. 24 T. 9 N. R. 33 W., S. B. B. & M. Cat Canyon Field.

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Mud fluid of not less than 70 lbs. per cu. ft. shall be used in the drilling of the well and the column of mud fluid shall be maintained at all times to the surface, particularly while pulling the drill pipe. Mud weight shall be between 70 and 80 lbs. per cu. ft. when making mud test.

2. Adequate blow-out prevention equipment shall be provided and ready for operation at all times.

3. The formations to be left back of the 16" casing shall be mudded by open circulation until the loss is not more than 2 bbls. per hour.

4. Not less than ft. of casing shall be set.

5. Sufficient cement shall be used to fill back of the 16" casing to cause a full return of cement slurry to the surface at one operation.

6. AN AUTHORIZED REPRESENTATIVE OF THE PLANNING COMMISSION SHALL BE NOTIFIED TO WITNESS:

(a) Final mudding operations before cementing the 16" casing.

(b) The depth at which the 16" casing is landed and the cementing operation.

These operations shall be done only when a Representative of the Planning Commission is present.

7. The issuance of this permit is subject to the general conditions and provisions printed on the opposite side of this form.

8. Surface casing shall be extended to the impervious strata encountered in the event a producing well is developed as per communication of July 12, 1941, copy of which is on file in the office of the County Planning Commission, Court House, Santa Barbara, California.

Wallace Cheufild

Secretary, County Planning Commission.

4

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 3-3434

Santa Barbara, Calif. June 26, 1941

Mr. A. C. Young,
Casmalia, Calif.
Agent for O. C. Field Gasoline Corporation

DEAR SIR:

Your proposal to drill Well No. "Palmer Stendel" 24-1,
Section 24, T. 9 N., R. 33 W., S. B. B. & M., Cat Canyon Field, Santa Barbara County,
dated June 18, 1941, received June 18, 1941, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The elevation of the derrick floor above sea level is 600 1/2 feet.
The well is 1140 feet S., and 990 feet W. from N. E. corner of Section 24
Lease consists of Sec. 24, T. 9 N., R. 33 W., and other lands.
We estimate that the first productive oil or gas sand should be encountered
at a depth of about 3000 feet.
Well is to be drilled with rotary tools."

PROPOSAL:

"We propose to use the following strings of casing, either cementing or landing them as herein indicated:

Size of Csg., In.	Weight, Lb. Per Foot	Grade and Type	Depth	Landed or Cemented
16"		(Sufficient to pro-		Landed
11-3/4"		(tect surface soil		Cemented
Liner as needed		(& water		

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Mud fluid of not less than 70 lb. per cubic foot shall be used in the drilling of the well and the column of mud fluid shall be maintained at all times to the surface, particularly while pulling the drill pipe.
2. Adequate blow-out prevention equipment shall be provided and ready for operation at all times.
3. The character of the fluid content of each porous formation shall be determined and if of commercial value shall be protected in a manner approved by this Division.
4. THIS DIVISION SHALL BE NOTIFIED AS FOLLOWS:
 - (a) Of any oil or gas showings encountered.
 - (b) Before running casing other than surface casing in the hole.
 - (c) To witness a test of each possible water shut-off.

CC - Mr. W. C. Penfield
- Santa Maria Valley Cons. Dist.

R. D. BUSH

State Oil and Gas Supervisor

By

Deputy

Made R. J.	Model 1522	Cross Section	Cards	Forms 115 121
map Res. Lg 6-28-41				6-26-41 6-26-41

3

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

083-00376

8

Santa Barbara, Calif. June 18, 19 41

DIVISION OF OIL AND GAS

Santa Barbara, Calif.

DIVISION OF OIL AND GAS
RECEIVED
JUN 18 1941

SANTA BARBARA, CALIFORNIA

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well No. "Palmer Stendel" 24-1, Sec. 24, T. 9 N., R. 33 W., S. B. B. & M., Cat Canyon Field, Santa Barbara County. Lease consists of Sec. 24, T. 9 N., R. 33 W., and other lands.

The well is 1140 feet N. of S., and 990 feet E. of W. from N. E. corner of Section 24
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor above sea level is 600+ feet. 578 est

We estimate that the first productive oil or gas sand should be encountered at a depth of about 3000 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

Size of Casing, Inches	Weight, Lb. Per Foot	Grade and Type	Depth	Landed or Cemented
16"			578 est	Landed
11-3/4"				Cemented
Liner as needed				

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Address 944 Wilshire Blvd., Los Angeles

O. C. Field Gasoline Corp.

(Name of Operator)

Telephone number VA-6161

By W. W. Porter
Consulting Engineer

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

Maps	Model	Cross Section	Cards	Notes
				114 321
				6-25-41
				6-25-41

Top Mio (Prob siltst sh) 2682
" " Obispo Tuff (siltst sh) 3294
Tuff is relizian -

2

CAT + CANYON FI

